

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. Please amend the claims as follows:

Listing of Claims:

1. (Previously presented) A system for rapidly delivering and accurately monitoring the delivery of a desired volume of sterile fluid to a targeted anatomical site in a lipoplasty procedure, the system comprising:

a strain gauge sensor;

a container of sterile fluid connected to the strain-gauge sensor so that the strain-gauge sensor will generate an electrical output proportional to the weight of the fluid and container from time-to-time;

a peristaltic pump for rapidly pumping the desired volume of the sterile fluid from the container to the targeted anatomical site in the lipoplasty procedure, the peristaltic pump having speed control adjustable by a user to deliver the the sterile fluid at one or more rates selected by the user, the one or more rates being within the range of 30 ml/min to 1000 ml/min, wherein the desired volume ranges from 100 ml to 5000 ml;

a sterile tubing set connected to the container and the pump for delivery of the sterile fluid during the lipoplasty procedure;

a processor for processing the electrical output from the strain gauge from time-to-time to determine the volume of fluid delivered for the surgical procedure, wherein output from the processor is not electronically connected to the peristaltic pump to adjust the speed of the peristaltic pump during delivery of the sterile fluid, and wherein determination of the volume of fluid delivered is not affected by a change in the one or more rates during delivery of the sterile fluid; and

a display for displaying the amount of fluid delivered during the lipoplasty procedure.

2. (Canceled)

3. (Canceled)

4. (Original) The system of Claim 1 wherein the display includes a reset button that will ‘zero’ the display when pressed.

5. (Original) The system of Claim 1 wherein the tubing set is made of polyvinyl chloride.

6. (Original) The system of Claim 1 wherein the display shows the amount of fluid in either weight or volume.

7. (Canceled)

8. (Previously presented) The system of Claim 4 wherein the tubing set is made of polyvinyl chloride.

9. (Previously presented) The system of Claim 4 wherein the display shows the amount of fluid in either weight or volume.

10. (Currently amended) A method for rapidly delivering and accurately monitoring the delivery of a desired volume of sterile fluid to a targeted anatomical site in a lipoplasty procedure, the method comprising:

supporting a container of sterile fluid from a strain-gauge sensor so that the strain-gauge sensor provides an electronic signal indicative of the weight of the container and sterile fluid from time-to-time;

connecting one end of a sterile tubing set to the container and connecting the tubing set to a peristaltic pump to create a flow path that passes through the peristaltic pump so that the peristaltic pump removes the desired volume of the sterile fluid from the container at one or

more rates selected by a user, the one or more rates being within the range of 30 ml/min to 1000 ml/min, wherein the desired volume ranges from 100 ml to 5000 ml;

making another end of the sterile tubing set available for delivery of the sterile fluid by the peristaltic pump to the targeted anatomical site in the lipoplasty procedure;

activating the peristaltic pump to rapidly pump the sterile fluid from the container to the targeted anatomical site in the lipoplasty procedure;

processing with a processor the electronic signal from the strain gauge to display the volume of sterile fluid removed from the container from time-to-time, wherein output from the processor is not electronically connected to the peristaltic pump to adjust the speed of the peristaltic pump during delivery of the sterile fluid, and wherein determining the volume of sterile fluid removed from the container is not affected by a change in the one or more rates during delivery of the sterile fluid; [[and]]

monitoring the amount of sterile fluid pumped to the targeted anatomical site in the lipoplasty procedure; and

releasing the pump activation when the desired volume of sterile fluid has been provided to the targeted anatomical site in the lipoplasty procedure.

11. (Previously Presented) The method of Claim 10 wherein the supporting of the container is accomplished by hanging the container from the strain-gauge.

12. (Canceled)

13. (Canceled)

14. (Previously Presented) The method of Claim 10 wherein the tubing set is made of polyvinyl chloride.

15. (Previously Presented) The method of Claim 10 wherein the display shows the amount of fluid in either weight or volume.

16. (Canceled)

17. (Previously presented) The method of Claim 11 wherein the tubing set is made of polyvinyl chloride.

18. (Previously presented) The method of Claim 11 wherein the display shows the amount of fluid in either weight or volume.

19. (Currently amended) A system for rapidly delivering and accurately monitoring the delivery of a precise volume of sterile fluid to an implantable device comprising at least one of a breast implant and a sizer, the system comprising:

a strain gauge sensor;

a container of sterile fluid connected to the strain-gauge sensor so that the strain-gauge sensor will generate an electrical output proportional to the weight of the fluid and container from time-to-time;

a peristaltic pump for rapidly pumping the desired volume of the sterile fluid from the container to the implantable device, the peristaltic pump having speed control adjustable by a user to deliver the sterile fluid at one or more rates selected by the user, the one or more rates being within the range of 30 ml/min to 1000 ml/min, wherein the desired volume ranges from 100 ml to 5000 ml;

a sterile tubing set connected to the container and the pump for delivery of the sterile fluid to the implantable device;

a processor for processing the electrical output from the strain gauge from time-to-time to determine the volume of fluid delivered to the implantable device without separately determining a volume of fluid removed from the implantable device, wherein output from the processor is not electronically connected to the peristaltic pump to adjust the speed of the peristaltic pump during delivery of the sterile fluid, and wherein determination of the volume of fluid delivered is not affected by a change in the one or more rates during delivery of the sterile fluid; and

a display for displaying the amount of fluid delivered to the implantable device.

20. (Previously presented) The system of Claim 19 wherein the display includes a reset button that will 'zero' the display when pressed.

21. (Previously presented) The system of Claim 19 wherein the tubing set is made of polyvinyl chloride.

22. (Previously presented) The system of Claim 19 wherein the display shows the amount of fluid in either weight or volume.

23. (Currently amended) A method for rapidly delivering and accurately monitoring the delivery of a desired volume of sterile fluid to an implantable device comprising at least one of a breast implant and a sizer, the method comprising:

supporting a container of sterile fluid from a strain-gauge sensor so that the strain-gauge sensor provides an electronic signal indicative of the weight of the container and sterile fluid from time-to-time;

connecting one end of a sterile tubing set to the container and connecting the tubing set to a peristaltic pump to create a flow path that passes through the peristaltic pump so that the peristaltic pump removes the desired volume of the sterile fluid from the container at one or more rates selected by a user, the one or more rates being within the range of 30 ml/min to 1000 ml/min, wherein the desired volume ranges from 100 ml to 5000 ml;

making another end of the sterile tubing set available for delivery of the sterile fluid by the peristaltic pump to the implantable device;

activating the peristaltic pump to rapidly pump the sterile fluid from the container to the implantable device;

processing with a processor the electronic signal from the strain gauge to display the volume of sterile fluid removed from the container from time-to-time, wherein output from the processor is not electronically connected to the peristaltic pump to adjust the speed of the peristaltic pump during delivery of the sterile fluid, and wherein determining the volume of sterile fluid removed from the container is not affected by a change in the one or more rates

during delivery of the sterile fluid; [[and]]

monitoring the amount of sterile fluid pumped to the implantable device without
separately monitoring an amount of sterile fluid removed from the implantable device; and

releasing the pump activation when the desired volume of sterile fluid has been provided
to the implantable device.

24. (Currently amended) The method of Claim [[24]]23 wherein the tubing set is
made of polyvinyl chloride.

25. (Currently amended) The method of Claim [[24]]23 wherein the display shows
the amount of fluid in either weight or volume.

26. (Previously presented) The method of Claim 1 wherein the sterile fluid comprises
an additive.

27. (Currently amended) The method of Claim [[27]]26 wherein the additive
comprises epinephrine.

28. (Currently amended) The method of Claim [[27]]26 wherein the additive
comprises lidocaine.